

What is claimed is:

1. An outsole-making process which comprises steps of:
 - a. refining materials; trimming materials of main outsole according by size of said outsole; setting openings in hollow sustainer of front thenar of
5 said main outsole;
 - b. refining materials; trimming a central pad according by size of said sustainer of front thenar;
 - c. preheating a mold;
 - d. placing and positioning said central pad into a groove of bottom of said
10 mold;
 - e. placing said main outsole into a frame of said bottom of said mold to fill up said opening with said central pad;
 - f. covering up a cover of said mold and having said inner materials shaped up by means of heating and vulcanization;
 - 15 g. taking out said outsole for trimming and inspection.
2. The improved outsole-making process of Claim 1, wherein the hardness of said material of central pad is lower than said material of main outsole.
3. The improved outsole-making process of Claim 1, wherein said heating and vulcanization requires 8-12 seconds for heating with once to twice exhaustion.
- 20 4. The improved outsole-making process of Claim 1, wherein said heating and vulcanization requires 240-300 seconds for formation.
5. The improved outsole-making process of Claim 1, wherein said manufacturing process of said main outsole and said central pad can be switched.